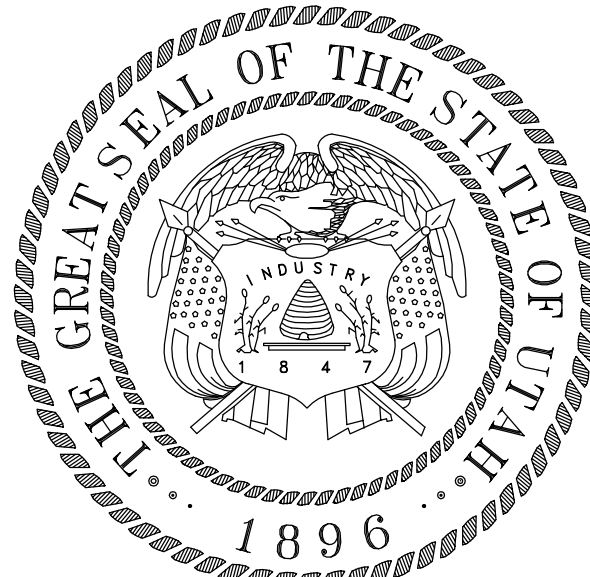


AP & P  
LIGHTING UPGRADES

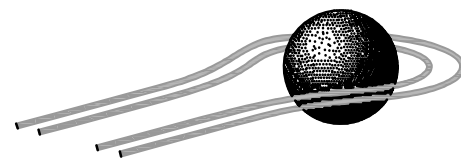
DEPARTMENT OF CORRECTIONS



State of Utah -- Department of Administrative Services  
DIVISION OF FACILITIES CONSTRUCTION  
AND MANAGEMENT  
4110 STATE OFFICE BUILDING / SALT LAKE CITY, UTAH 84114 / 538-3018

DFCM PROJECT NO. 06178120

**BNA** Consulting Engineers  
Electrical Engineering  
& Lighting Design  
635 South State Street  
Salt Lake City, Utah 84111  
(801) 532-2196 FAX (801) 532-2305



SITE LOCATIONS

BONNEVILLE COMMUNITY CORRECTIONS CENTER  
1141 SOUTH 2475 WEST  
SALT LAKE CITY, UTAH 84104

FREMONT COMMUNITY CORRECTIONS CENTER  
2588 WEST 2365 SOUTH  
WEST VALLEY CITY, UTAH 84116

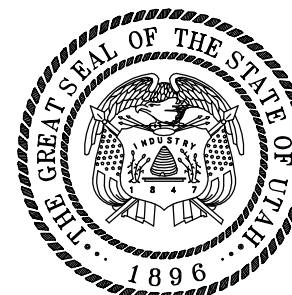
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80 SOUTH ORANGE STREET (1900W)  
SALT LAKE CITY, UTAH 84116

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635 South State Street  
Salt Lake City, Utah 84111  
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DIVISION OF FACILITIES CONSTRUCTION  
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4110 STATE OFFICE BUILDING / SALT LAKE CITY, UTAH 84114 / 538-3018

Project Title:

Lighting Upgrades  
for AP&P

Building Name:

MARK	DATE	DESCRIPTION
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ISSUE TYPE: DESIGN DEVELOPMENT

DATE: 06/05/2006

DFCM PROJECT NO: 06178120

STATE PROPERTY ID NO:

CAD DWG FILE: 084A-GI001

DRAWN BY: BNA CHK'D BY: LLM

SCALE: GRAPHIC

Sheet Title:

TITLE PAGE

Sheet Number:

GI001

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By: jperkins, Jan 14, 2008 - 1:28pm  
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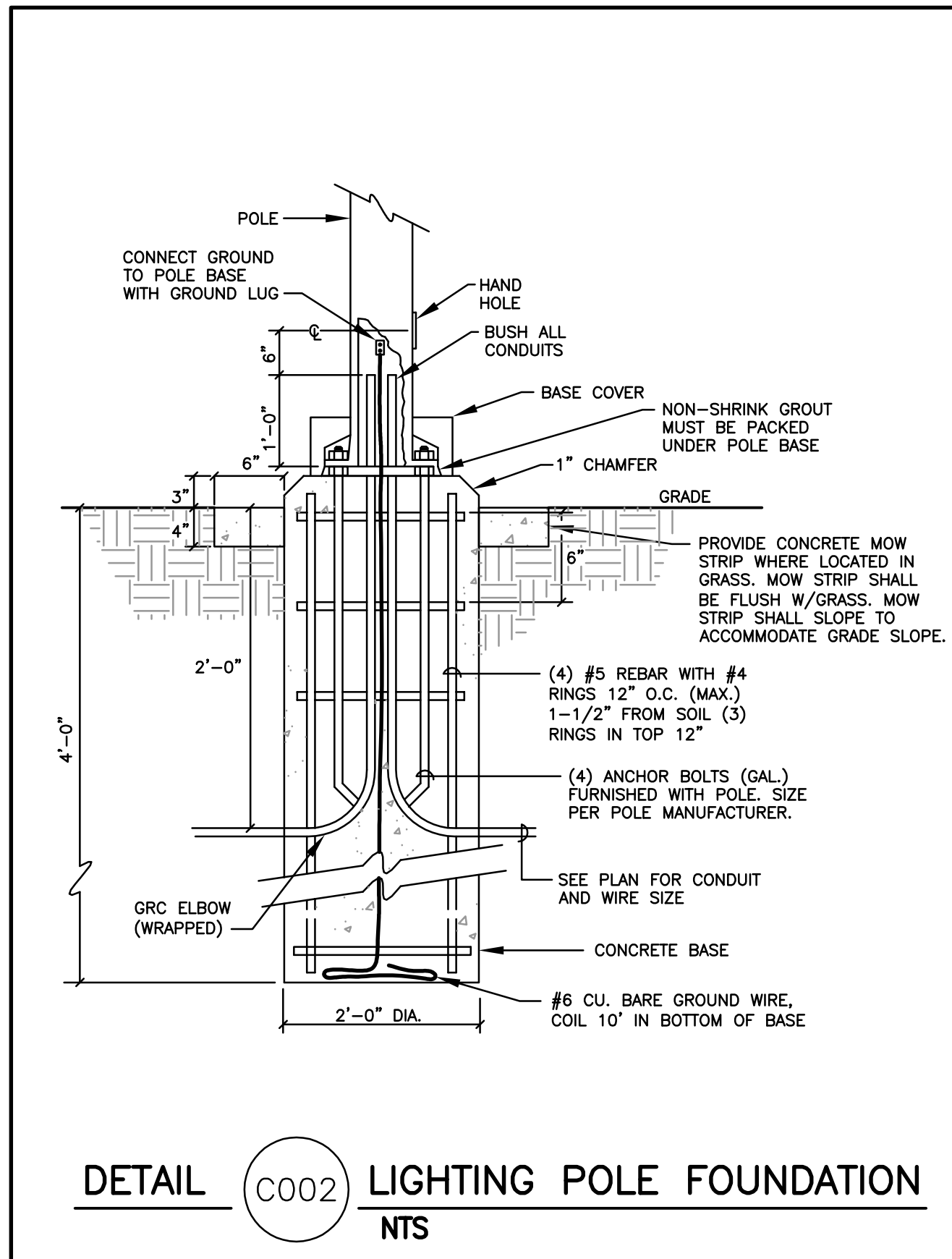
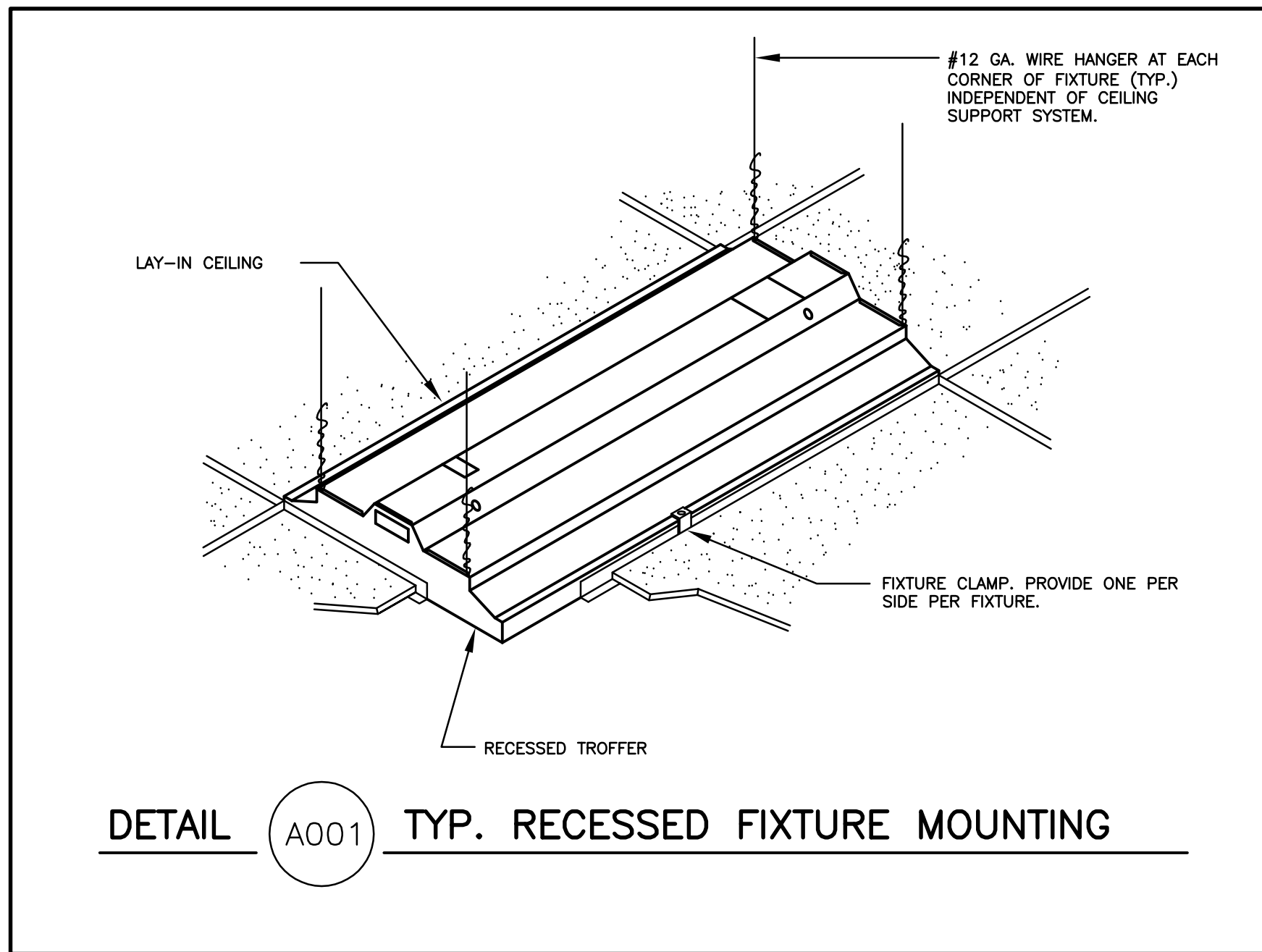
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































6



FIXTURE SCHEDULE				
TYPE	DESCRIPTION	CATALOG NUMBER	VOLTS	LAMPS
A	2x4 FLUORESCENT RECESSED LAY-IN TROFFER 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: STB 24-332G-FA-A12.125	120V	3-F32T8-835
A1	2x4 FLUORESCENT RECESSED FLANGE MOUNTED TROFFER 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: STB 24-332F-FA-A12.125	120V	3-F32T8-835
A4	2x4 FLUORESCENT RECESSED LAY-IN TROFFER 4-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: STB 24-432F-FA-A12.125	120V	4-F32T8-835
B1	1x4 FLUORESCENT SURFACE MOUNTED WRAP 2-LAMP ACRYLIC WRAPAROUND LENS LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: WC4-232-PS	120V	2-F32T8-835
B2	SAME AS TYPE B1 EXCEPT WITH EMERGENCY FULL LUMEN OUTPUT BATTERY PACK	COLUMBIA: WC4-232-PS-EM	120V	2-F32T8-835
B4	2x4 FLUORESCENT SURFACE MOUNTED MODULAR 4-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: PM-24-432-PS-A12.125	120V	4-F32T8-835
C	4' FLUORESCENT 2-LAMP INDUSTRIAL LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: CSR4-232-PS	120V	2-F32T8-835
C1	4' FLUORESCENT 1-LAMP INDUSTRIAL LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: CSR4-132-PS	120V	1-F32T8-835
C2	4' FLUORESCENT 2-LAMP INDUSTRIAL COLD WEATHER LOW HARMONIC ELECTRONIC BALLAST 20 DEGREE BALLAST	COLUMBIA: CSR4-132-PS LHBH-LHRW454	120V	2-F32T8-835
D	FLUORESCENT HIGH BAY TSHD, 4 LAMP SPECIAL P. REFLECTOR AND WIRE GUARD	COLUMBIA: LHR4-454-LS-ST-4EB5120	120V	4-F54TSHD 35K
EM	EMERGENCY LIGHT FIXTURE WITH BATTERY AND TWO HALOGEN LIGHT FIXTURES	LIGHTOLIER: E1-18N-T9-W	120V	INCLUDED
F	FLUORESCENT SUSPENDED INDIRECT/DIRECT LIGHT FIXTURE, 2 LAMPS IN CROSS SECTION, ADJUSTABLE AIRCRAFT CABLE. SPECIAL CORNERS FOR CONTINUOUS RECTANGLE	ALERA/CAL-278-CM48-LD-EBBLH-PS-120-- MW-SCE, SPL CORNERS	120V	2-F32T8-835
H1	FLUORESCENT CORNER MOUNTED LIGHT FIXTURE LOCATED ABOVE MIRROR AT CEILING PROGRAM START BALLAST	KENALL: MUHA12-48-R-MW-CP-232-SB-1-120	120V	2-F32T8-835
H2	FLUORESCENT CORNER MOUNTED LIGHT FIXTURE LOCATED ABOVE MIRROR AT CEILING PROGRAM START BALLAST, EMERGENCY BATTERY	KENALL: MUHA12-48-R-MW-CP-232-SB-1-120-PEL	120V	2-F32T8-835
K	INCANDESCENT RECESSED DOWNLIGHT	PRESOLITE: INC600/ST1602	120V	1-75 WATT A19 I.F.
N	FLUORESCENT WALL MOUNTED LIGHT 4' IN LENGTH USED IN STAIRWELLS UP AND DOWN LIGHT, WITH EMERGENCY FULL LUMEN OUTPUT BALLAST	ALERA: S6-2-UDTB MMW-A12.125 PS 120V-MW	120V	2-F32T8-835
O	EXTERIOR WALL SCONCE, WEDGE SHAPE COMPACT FLUORESCENT EMERGENCY BATTERY, BRONZE FINISH	GARCO: 102EM-MT-421RF-120-BRP	120V	1-42W TRT CFL 35K
P	2x4 FLUORESCENT RECESSED LAY-IN PARABOLIC 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: P224-332G-SP36-S-3EBBLH-120	120V	3-F32T8-835
P1	2x4 FLUORESCENT RECESSED LAY-IN PARABOLIC 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: P224-332G-SP36-S-EBBLH-120	120V	3-F32T8-835
P2	2x2 FLUORESCENT RECESSED LAY-IN PARABOLIC 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: P222-317G-SP33-S-3EBBLH-120	120V	3-F32T8-835
Q	2x2 FLUORESCENT RECESSED LAY-IN TROFFER 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	COLUMBIA: STB 22-317G-FA-A12.125-3EBBLH-120	120V	3-F17T8-835
R	2x4 FLUORESCENT RECESSED LAY-IN TROFFER 3-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST	KENALL: RMCD-4-TG-0/0-332-PB-1-120-1/9-1	120V	3-F32T8-835
R1	1x4 FLUORESCENT RECESSED LAY-IN TROFFER 2-LAMP ACRYLIC LENS, FLAT ALUMINUM DOOR LOW HARMONIC ELECTRONIC BALLAST MAXIMUM SECURITY	KENALL: RCA-4-TG-0/0-232-PB-1-120-1/9-1	120V	2-F32T8-835
S1	10' ALUMINUM POLE WITH AREA LIGHT FIXTURE 16" POLYCARBONATE GLOBE LAMPED WITH 100W METAL HALIDE	LUMEC: 100MH NWS-PCOPD-SR50-120-1 APR4F10-PH-LBC1	120V	1-100W MH
T	EXTERIOR WALL PACK FULL CUTOFF, BRONZE FINISH, PHOTOCELL CONTROL	KIM: WD1803-250PMH120-DB-P-A30	120V	1-250W PSMH
U	8' SURFACE MOUNT STRIPLIGHT COLD WEATHER BALLAST FLAEGLOE FLOOD LIGHT PHOTOCELL CONTROL BRONZE FINISH	COLUMBIA: CS-232-4-CEBBLH-120-CSWG4(2)-C5TH	120V	4-F32T8-835
W	FLAEGLOE FLOOD LIGHT PHOTOCELL CONTROL BRONZE FINISH	KIM: AF110-150PMH120-DB-P-A30	120V	1-150W PSMH
X1	TRITUM EXIT SIGN	SURELITES: TRX1-1-G-WH-10	N/A	N/A
Y	RECESSED DOWNLIGHT REMODELER HOUSING	OMEGA: OMS-1H-32PLT-RMDLR-CS-120	120V	1-32W TRT 35K
Z	SEMI-RECESSED DOWN WITH CROSS HATCH 13" DIAMETER, POLYCARBONATE OPAL LENS WHITE FINISH	LUMINAIRE LIGHTING: XRV13-1PLT42-120-OP-WHT	120V	1-42W TRT 35K
Z2	SEMI-RECESSED DOWN WITH CROSS HATCH 13" DIAMETER, POLYCARBONATE OPAL LENS WHITE FINISH, EMERGENCY BATTERY	LUMINAIRE LIGHTING: XRV13-1PLT42-120-OP-WHT-EMB	120V	1-42W TRT 35K

## ELECTRICAL SYMBOL SCHEDULE

- SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
- HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.
- REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
- SUBSCRIPT KEYS SWITCH TO FIXTURES CONTROLLED.
- NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE '10' 180 V.
- HEIGHT TO BE THE LOWER OF EITHER 80\"/>
- PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
- DOUBLE ARROWS DENOTE A DOUBLE FACE UNIT.
- COORDINATE WITH SHOP DRAWINGS.
- SUBSCRIPT DENOTES NEMA CONFIGURATION.
- HEIGHT MEASURED TO BOTTOM OF THE BOX FROM FINISHED FLOOR.
- SUBSCRIPT U INDICATES ULTRASONIC, P INDICATES PASSIVE INFRARED.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
	ONE CIRCUIT, TWO WIRE HOME RUN TO PANEL		
	CONDUIT RUN CONCEALED IN WALL OR CEILING		
	CONDUIT RUN CONCEALED IN FLOOR OR GROUND		
	CONDUIT UP		
	CONDUIT DOWN		
	CONDUIT STUB LOCATION	CAP CONDUIT	
	DUPLEX RECEPTACLE	+16"	11.
	FOURPLEX RECEPTACLE	+16"	9. 11.
	JUNCTION BOX ("F" IN FLOOR)	AS NOTED	
	MOTOR OUTLET	TO SUIT EQUIP.	
	FIRE ALARM MANUAL STATION	+4'-0"	2.
	FIRE ALARM SIGNAL HORN/STROBE PROJECTORS	+6'-8"	6.
	FIRE ALARM SIGNAL HORN/STROBE	+6'-8"	6.
	FIRE ALARM SIGNAL SPEAKER/STROBE	+6'-8"	6.
	SMOKE DETECTOR	CEILING	
	DUCT SMOKE DETECTOR		MTD. IN DUCT
	HEAT DETECTOR	CEILING	
	FIRE/SMOKE DAMPER		
	DOOR HOLDER	AS NOTED	
	FLOW SWITCH		
	TAMPER SWITCH		
	WATER FLOOD INDICATOR		
	O.S. & Y. VALVE		SEE DETAIL
	FIRE ALARM RELAY		
	FIRE ALARM CONTROL MODULE		
	FIRE ALARM MONITOR MODULE		
	FIRE ALARM STROBE	+6'-8"	6.
	ARCHITECTURAL ROOM NUMBER		
	EQUIPMENT NUMBER		
	REFERENCE NOTE		
	FIRE ALARM PANEL		
	FIRE ALARM ANNUNCIATOR		
	FAN SHUTDOWN RELAY		AT FAN UNIT
	DOOR POSITION INDICATING SWITCH		

## GENERAL NOTES

- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
- SEE SPECIFICATION FOR ENERGY SAVING LAMP AND BALLAST REQUIREMENTS.
- ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
- CIRCUITS EXTENDING OVER 70' FOR 120 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH MINIMUM #10 CONDUCTORS.
- CONCEAL ALL NEW CONDUIT IN WALLS AND CEILING SPACES OR PROVIDE SURFACE MOUNTED RACEWAY (IE WIREMOLD).

## DEMOLITION NOTES

- COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 16.
- RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
- LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
- EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
- REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED. REMOVE CONDUCTORS BACK TO THE PANEL LABEL CIRCUIT BREAKER AS "SPARE".
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.

## INDEX OF ELECTRICAL DRAWINGS

FIGURE	TITLE PAGE SCHEDULES & NOTES
EG001	
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EL1B2	LIGHTING PLAN - LEVEL TWO
FREMONT	
EL1F1	LIGHTING PLAN - LEVEL ONE
EL1F2	LIGHTING PLAN - LEVEL TWO
ORANGE STREET	
EL1O1	LIGHTING PLAN - LEVEL ONE

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Division of Facilities Construction  
and Management  
410 STATE OFFICE BUILDING • 500 WEST 600 SOUTH • SALT LAKE CITY • UTAH 84111 • 330-3014

Project Title:

Lighting Upgrades  
for AP&P

Building Name:

MARK DATE DESCRIPTION

ISSUE TYPE: DESIGN DEVELOPMENT

DATE: 06/05/2006

DFCM PROJECT NO: 06178120

STATE PROPERTY ID NO:

CAD DWG FILE: 084C-EG001

DRAWN BY: BNA CHK'D BY: LLM

SCALE: GRAPHIC

Sheet Title:

SCHEDULES AND NOTES

Sheet Number:

EG001

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OF:

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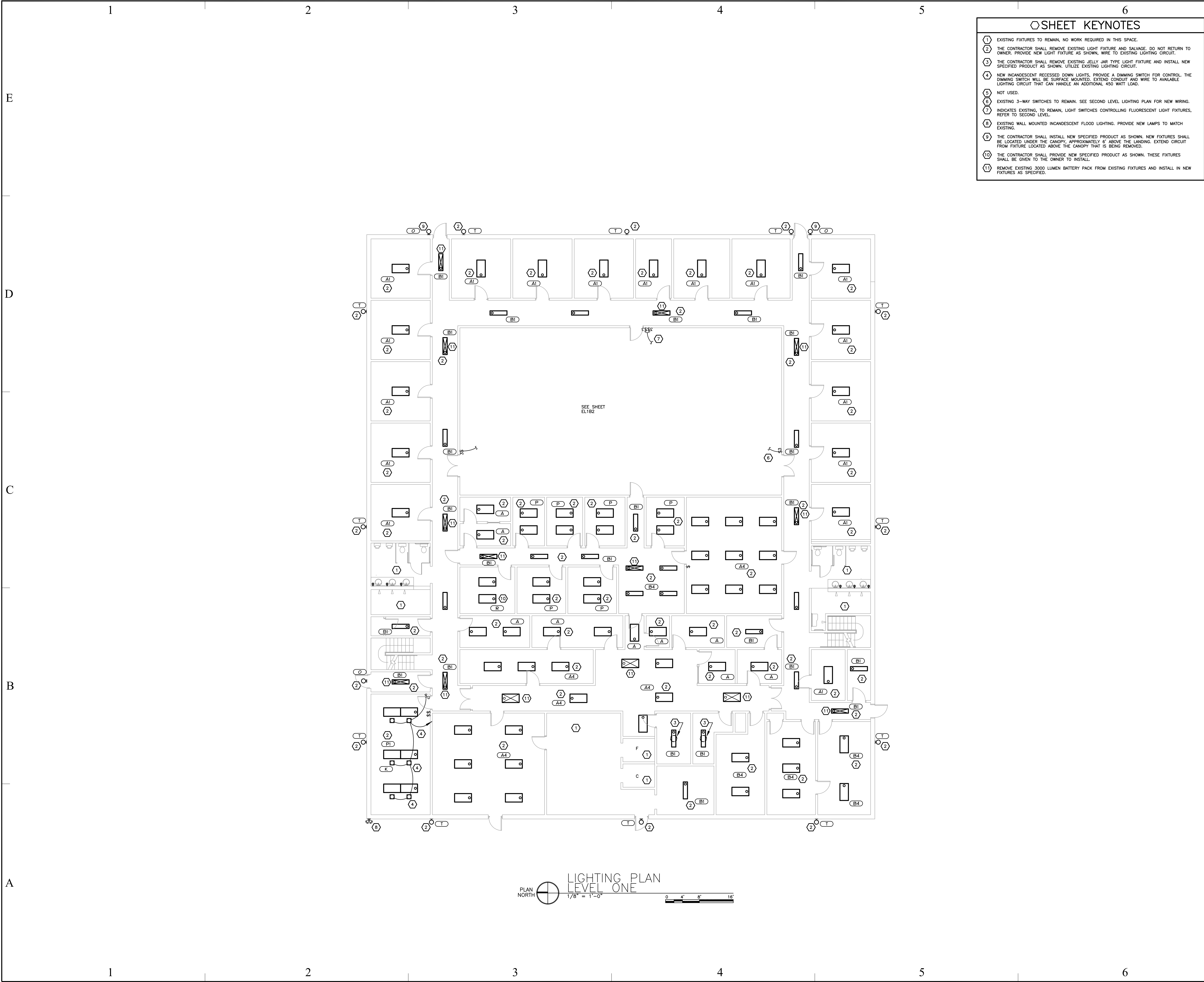
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- SHEET KEYNOTES**
- EXISTING FIXTURES TO REMAIN, NO WORK REQUIRED IN THIS SPACE.
  - THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE, DO NOT RETURN TO OWNER. PROVIDE NEW LIGHT FIXTURE AS SHOWN, WIRE TO EXISTING LIGHTING CIRCUIT.
  - THE CONTRACTOR SHALL REMOVE EXISTING JELLY JAR TYPE LIGHT FIXTURE AND INSTALL NEW SPECIFIED PRODUCT AS SHOWN, UTILIZE EXISTING LIGHTING CIRCUIT.
  - NEW INCANDESCENT RECESSED DOWN LIGHTS, PROVIDE A DIMMING SWITCH FOR CONTROL. THE DIMMING SWITCH WILL BE SURFACE MOUNTED. EXTEND CONDUIT AND WIRE TO AVAILABLE LIGHTING CIRCUIT THAT CAN HANDLE AN ADDITIONAL 450 WATT LOAD.
  - NOT USED.
  - EXISTING 3-WAY SWITCHES TO REMAIN. SEE SECOND LEVEL LIGHTING PLAN FOR NEW WIRING.
  - INDICATES EXISTING, TO REMAIN, LIGHT SWITCHES CONTROLLING FLUORESCENT LIGHT FIXTURES, REFER TO SECOND LEVEL.
  - EXISTING WALL MOUNTED INCANDESCENT FLOOD LIGHTING. PROVIDE NEW LAMPS TO MATCH EXISTING.
  - THE CONTRACTOR SHALL INSTALL NEW SPECIFIED PRODUCT AS SHOWN. NEW FIXTURES SHALL BE LOCATED UNDER THE CANOPY, APPROXIMATELY 6' ABOVE THE LANDING. EXTEND CIRCUIT FROM FIXTURE LOCATED ABOVE THE CANOPY THAT IS BEING REMOVED.
  - THE CONTRACTOR SHALL PROVIDE NEW SPECIFIED PRODUCT AS SHOWN. THESE FIXTURES SHALL BE GIVEN TO THE OWNER TO INSTALL.
  - REMOVE EXISTING 3000 LUMEN BATTERY PACK FROM EXISTING FIXTURES AND INSTALL IN NEW FIXTURES AS SPECIFIED.

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for AP&P**

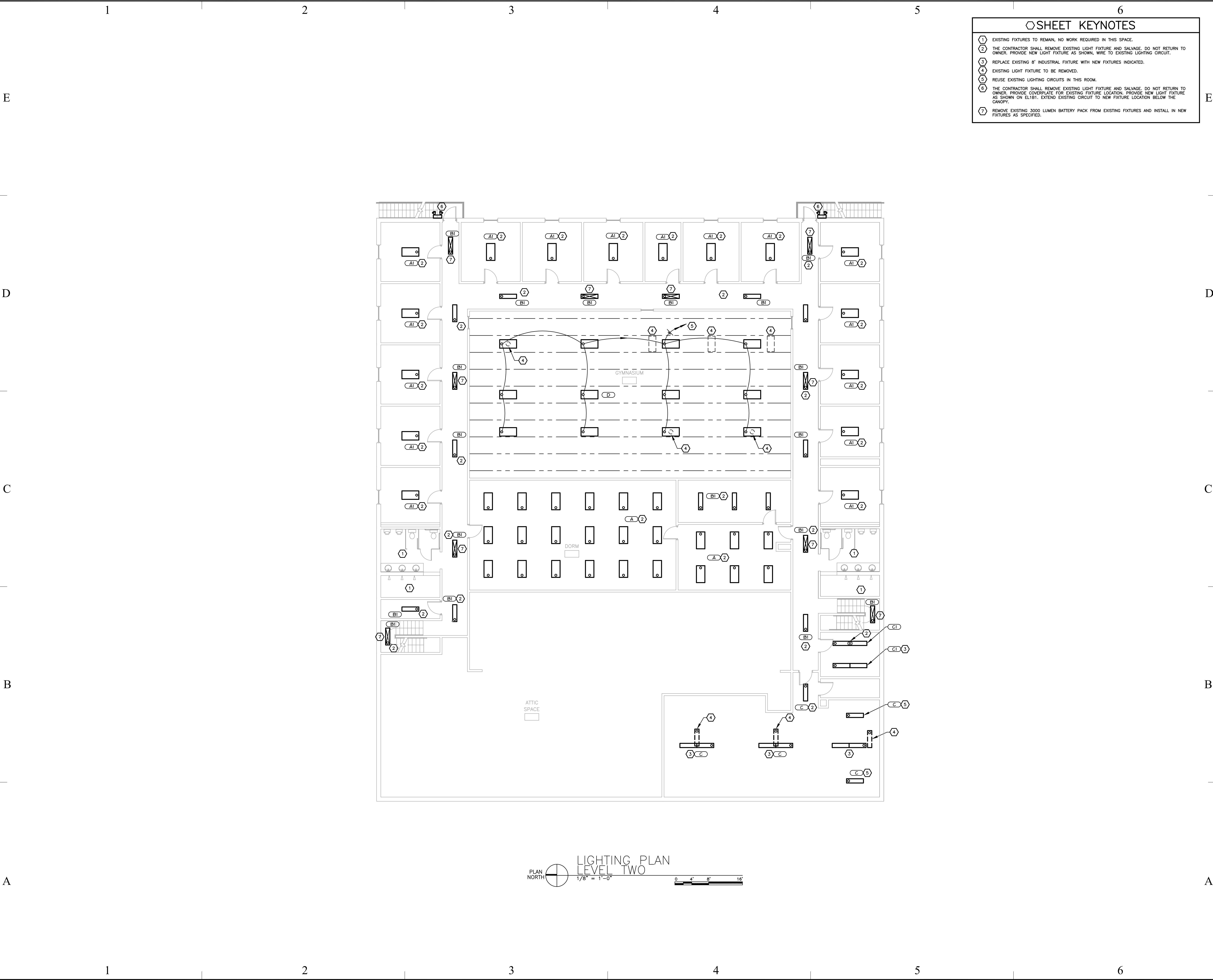
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**Bonneville  
Community  
Corrections  
Center**  
1141 South 2475 West  
Salt Lake City, Utah

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DATE: 06/05/2006		
DFCM PROJECT NO: 06178120		
STATE PROPERTY ID NO:		
CAD DWG FILE: 084C-EL1B1		
DRAWN BY: BNA CHK'D BY: LLM		
SCALE: GRAPHIC		

Sheet Title:  
LIGHTING PLAN  
LEVEL ONE

Sheet Number:  
**EL1B1**

SHEET: OF:



- SHEET KEYNOTES
- 1 EXISTING FIXTURES TO REMAIN, NO WORK REQUIRED IN THIS SPACE.
  - 2 THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE, DO NOT RETURN TO OWNER, PROVIDE NEW LIGHT FIXTURE AS SHOWN, WIRE TO EXISTING LIGHTING CIRCUIT.
  - 3 REPLACE EXISTING 8' INDUSTRIAL FIXTURE WITH NEW FIXTURES INDICATED.
  - 4 EXISTING LIGHT FIXTURE TO BE REMOVED.
  - 5 REUSE EXISTING LIGHTING CIRCUITS IN THIS ROOM.
  - 6 THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE, DO NOT RETURN TO OWNER, PROVIDE COVERPLATE FOR EXISTING FIXTURE LOCATION, PROVIDE NEW LIGHT FIXTURE AS SHOWN ON EL1B1, EXTEND EXISTING CIRCUIT TO NEW FIXTURE LOCATION BELOW THE CANOPY.
  - 7 REMOVE EXISTING 3000 LUMEN BATTERY PACK FROM EXISTING FIXTURES AND INSTALL IN NEW FIXTURES AS SPECIFIED.

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DIVISION OF FACILITIES CONSTRUCTION  
AND MANAGEMENT  
410 STATE OFFICE BUILDING / 2001 WEST 500 SOUTH, SUITE 300 / SALT LAKE CITY, UT 84119

Project Title:

Lighting Upgrades  
for AP&P

Building Name:

Bonneville  
Community  
Corrections  
Center  
1141 South 2475 West  
Salt Lake City, Utah

MARK	DATE	DESCRIPTION
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ISSUE TYPE:	DESIGN DEVELOPMENT
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DATE:	06/05/2006
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DFCM PROJECT NO:	06178120
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STATE PROPERTY ID NO:	
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CAD DWG FILE:	084C-EL1B2
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DRAWN BY:	BNA	CHK'D BY:	LLM
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SCALE:	GRAPHIC
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Sheet Title:

LIGHTING PLAN  
LEVEL TWO

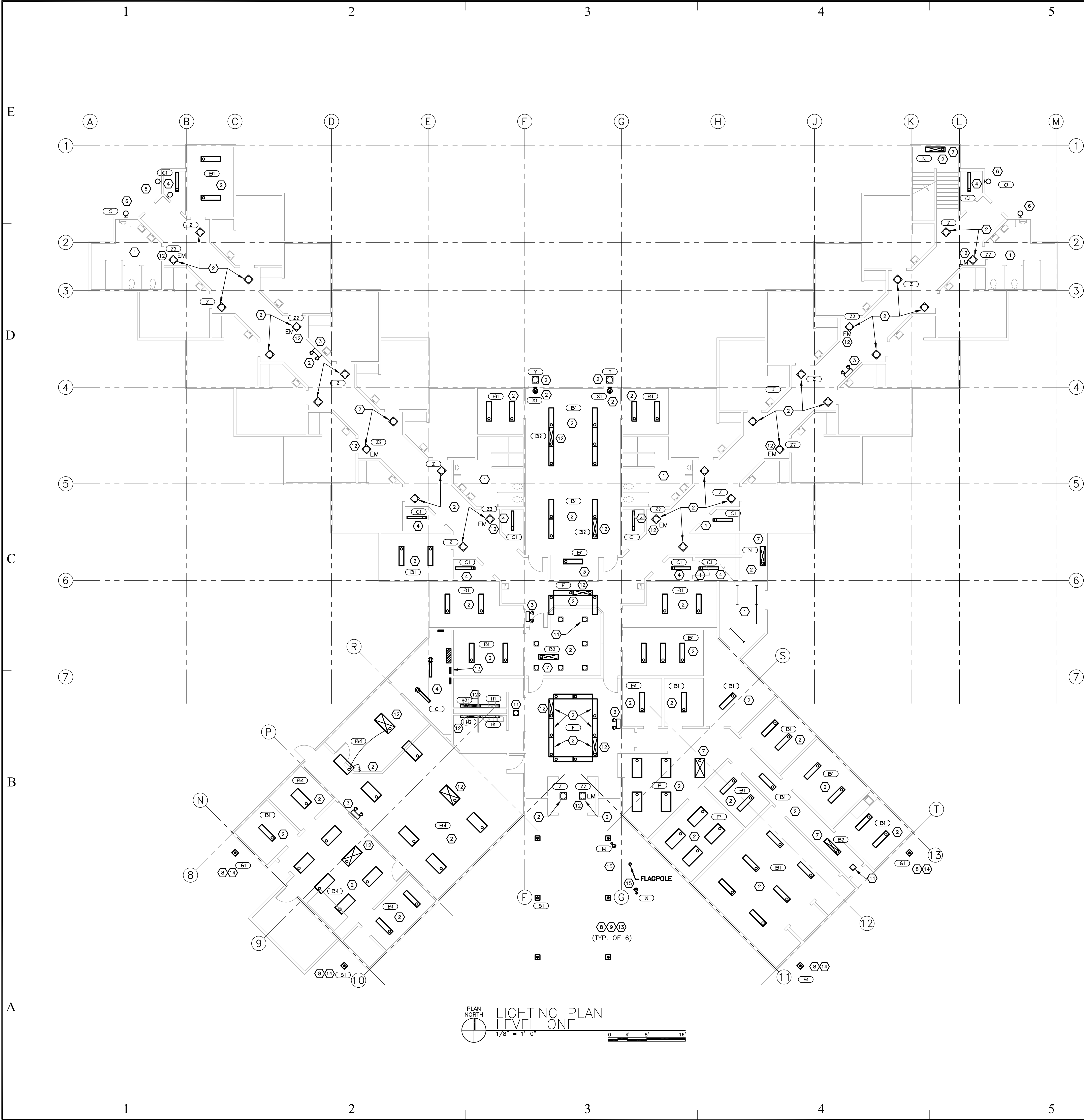
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EL1B2

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OF:





GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL CEILING PATCHING REQUIRED.

SHEET KEYNOTES

1

EXISTING FIXTURES TO REMAIN, NO NEW WORK REQUIRED.

2

THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE. DO NOT RETURN TO OWNER. PROVIDE NEW LIGHT FIXTURE AS SHOWN, WIRE TO EXISTING LIGHTING CIRCUIT.

3

THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE. DO NOT RETURN TO OWNER. PROVIDE AND INSTALL COVERPLATE ON EXISTING JUNCTION BOX.

4

THE CONTRACTOR SHALL REMOVE EXISTING INCANDESCENT PORCELAIN LAMP HOLDER AND INSTALL NEW SPECIFIED PRODUCT AS SHOWN. UTILIZE EXISTING CIRCUIT.

5

INDICATES NEW LIGHT FIXTURE EXTEND CONDUIT AND WIRE TO NEAREST AVAILABLE LIGHTING CIRCUIT IN AREA.

6

EXISTING EXTERIOR LIGHT FIXTURE. REPLACE WITH NEW SPECIFIED PRODUCT.

7

REMOVE EXISTING 3000 LUMEN BATTERY PACK FROM EXISTING FIXTURES AND INSTALL IN NEW FIXTURES AS SPECIFIED.

8

REPLACE EXISTING AREA LIGHT POLE AND FIXTURE WITH NEW POLE AND FIXTURE.

9

EXISTING HID BALLAST FOR FIXTURE IS LOCATED IN CABINET IN MAIN ELECTRICAL ROOM. SEE NOTE 13.

10

NOT USED.

11

CLEAN AND RELAMP EXISTING RECESSED CANS.

12

REUSE EXISTING CIRCUIT BUT CONNECT BATTERY PACK TO UNSWITCHED PORTION OF CIRCUIT.

13

EXISTING TIME CLOCK AND HID BALLAST CABINET CONTAINING SIX HID BALLASTS. REMOVE EXISTING BALLASTS AND PROVIDE NEW WIRING FOR NEW AREA LIGHTS.

14

LOCATE AND REMOVE EXISTING REMOTE HID BALLAST SERVING AREA LIGHT BEING REMOVED. PROVIDE NEW WIRING FOR NEW AREA LIGHT.

15

PROVIDE AND INSTALL NEW GROUND MOUNTED FLOODLIGHTS TO ILLUMINATE FLAGPOLE. EXTEND CIRCUIT FROM POLE LIGHTS TO FLOODLIGHT LOCATIONS SHOWN.

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Project Title:

Lighting Upgrades for AP&P

Building Name:

Fremont Community Corrections Center

2588 West 2365 South Salt Lake City, Utah

MARK	DATE	DESCRIPTION
ISSUE TYPE: DESIGN DEVELOPMENT		
DATE: 06/05/2006		
DFCM PROJECT NO: 06178120		
STATE PROPERTY ID NO:		
CAD DWG FILE: 084C-EL1F1		
DRAWN BY: BNA		
CHK'D BY: LLM		
SCALE: GRAPHIC		

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LIGHTING PLAN LEVEL ONE

Sheet Number:

EL1F1

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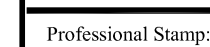
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1. CONTRACTOR IS RESPONSIBLE FOR ALL CEILING PATCHING REQUIRED.

- 1 REUSE EXISTING CIRCUIT BUT CONNECT BATTERY PACK TO UNSWITCHED PORTION OF THE CIRCUIT.
- 2 THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE. DO NOT RETURN TO OWNER. PROVIDE NEW LIGHT FIXTURE AS SHOWN, WIRE TO EXISTING LIGHTING CIRCUIT.
- 3 THE CONTRACTOR SHALL REMOVE EXISTING LIGHT FIXTURE AND SALVAGE. DO NOT RETURN TO OWNER. PROVIDE AND INSTALL NEW 100 WATT COMPACT FLUORESCENT LIGHTING FIXTURE.
- 4 THE CONTRACTOR SHALL REMOVE EXISTING INCOMPATIBLE PORCELAIN LAMP HOLDER AND INSTALL NEW SPECIFIED PRODUCT AS SHOWN. UTILIZE EXISTING CIRCUIT.
- 5 EXISTING FIXTURES TO REMAIN. NO NEW WORK REQUIRED.
- 6 REMOVE EXISTING 3000 LUMEN BATTERY PACK FROM EXISTING FIXTURES AND INSTALL IN NEW FIXTURES AS SPECIFIED.



## CONSULTANTS



Project Title:

Building Name: Fremont Community Corrections Center  
2588 West 2365 South  
Salt Lake City, Utah

Building Name

MARK	DATE	DESCRIPTION
ISSUE TYPE: DESIGN DEVELOPMENT		
DATE: 06/05/2006		
DFCM PROJECT NO: 06178120		
STATE PROPERTY ID NO:		
CAD DWG FILE: 084C-ELIF1		
DRAWN BY: BNA		CHK'D BY: LLM
SCALE: GRAPHIC		

Sheet Title

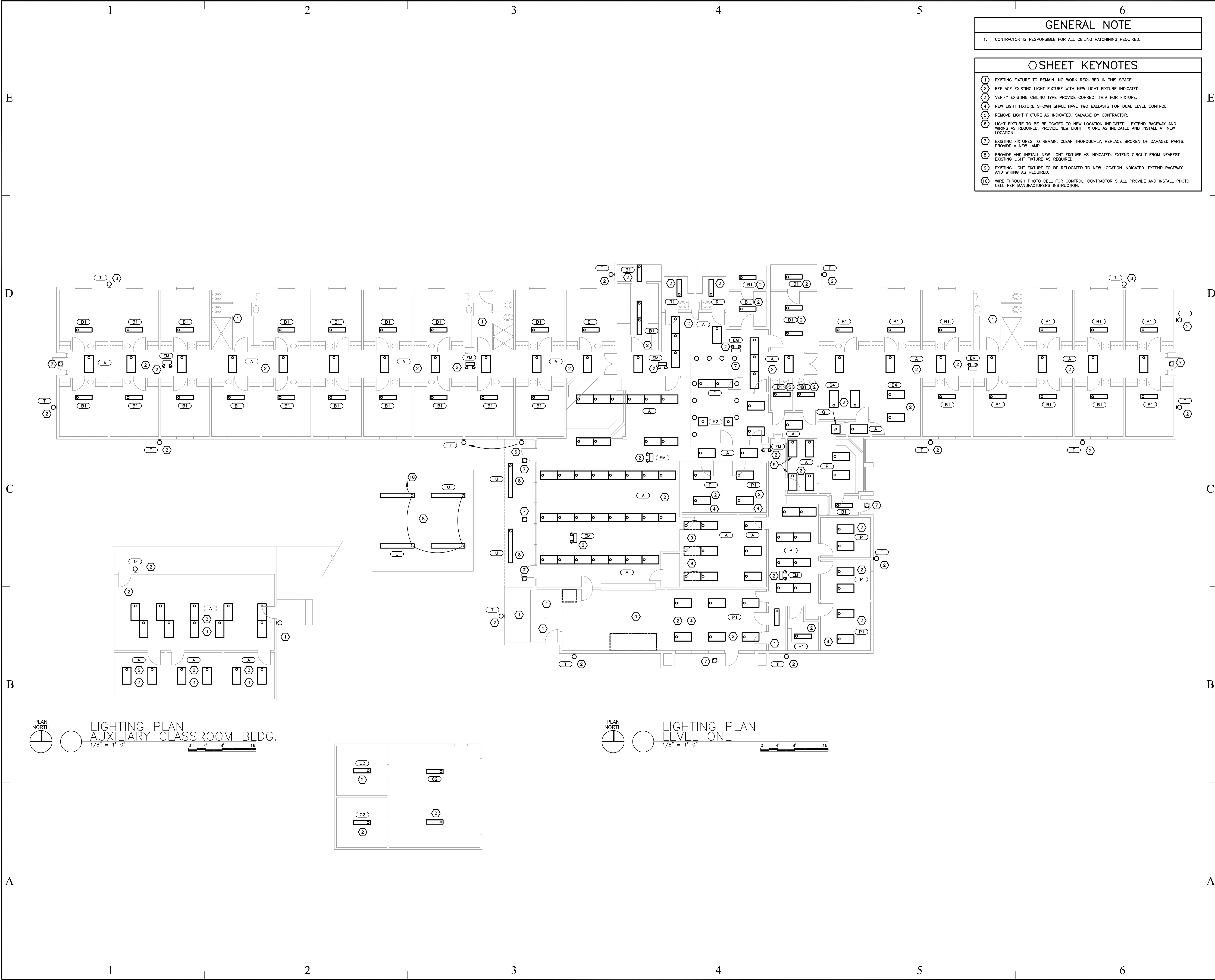
LIGHTING PLAN  
LEVEL TWO

Sheet Number:

EL1F2

SHEET

OF:



6

GENERAL NOTE

1. CONTRACTOR IS RESPONSIBLE FOR ALL CEILING PATCHING REQUIRED.

○ SHEET KEYNOTES

1

EXISTING FIXTURE TO REMAIN. NO WORK REQUIRED IN THIS SPACE.

2

REPLACE EXISTING LIGHT FIXTURE WITH NEW LIGHT FIXTURE INDICATED.

3

VERIFY EXISTING CEILING TYPE. PROVIDE CORRECT TRIM FOR FIXTURE.

4

5

6

7

8

9

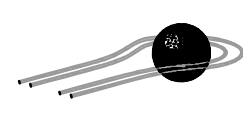
10

BNA

Consulting Engineers  
Electrical Engineering  
& Lighting Design

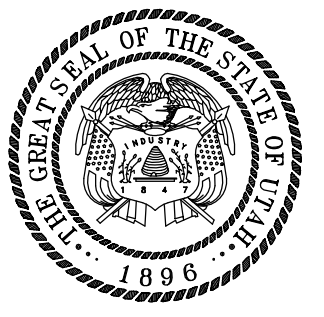
425 South State Street  
Salt Lake City, Utah 84111  
(801) 532-2198 Fax (801) 532-2305

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Professional Stamp:

CONSULTANTS



State of Utah - Department of Administrative Services  
DIVISION OF FACILITIES CONSTRUCTION  
AND MANAGEMENT  
4100 STATE OFFICE BUILDING / 2001-2002 STATE STREET / SALT LAKE CITY / UTAH 84143

Project Title:  
Lighting Upgrades  
for AP&P

Building Name:  
Orange Street  
Community  
Corrections  
Center  
80 South Orange Street  
Salt Lake City, Utah

MARK	DATE	DESCRIPTION
ISSUE TYPE: DESIGN DEVELOPMENT		
DATE: 06/05/2006		
DFCM PROJECT NO: 06178120		
STATE PROPERTY ID NO:		
CAD DWG FILE: 084C-EL101		
DRAWN BY: BNA CHK'D BY: LLM		
SCALE: GRAPHIC		

Sheet Title:  
LIGHTING PLAN  
LEVEL ONE

Sheet Number:  
EL101

SHEET: OF:

By: jmh/psd Jun 14, 2006 - 1:25pm  
F:\2004\084C\084C-EL101.dwg